NC 2010 Integrated Report

Category 5-303(d) List Approved by EPA August 31, 2010

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				2010 Integrated	-		
			C are in Category 5-303(d) Li				
	Number	AU_N	lame AU_I	Description Description		_	lassification
	egory Para			Reason for Rating	Use Category		ear 303(d)yea
	noke Rive				ek-John H Kerr Reservo		301010208
	noke Riv		ı H Ke	err Reservoir-Roar			03010102
Roa	noke Rive	r Basin		Grassy Cree	ek-John H Kerr Reservo	oir Watershed 03	301010208
⊙ :	23-2-(1)		Grassy Creek (Grass Creek)	From source to John H. Granville County SR 143		18.3 FW Mil	es C
	3a Ecol	ogical/biol	ogical Integrity Benthos	Not Rated Bioclassification	on Aquatic Life	2004	
O	23-2-7-(1)	Johnson Creek	From source to Little Jo	nnson Creek	5.3 FW Mil	es C
	1 Ecol	ogical/biol	ogical Integrity FishCom	Good-Fair Bioclassification	on Aquatic Life	2004	
O	23-2-3		Mountain Creek	From source to Grassy (Creek	8.1 FW Mil	es C
	3a Ecol	ogical/biol	ogical Integrity Benthos	Not Rated Bioclassification	on Aquatic Life	2004	
O	23-2-5		Rattlesnake Creek	From source to Grassy (Creek	2.3 FW Mil	es C
	1 Ecol	ogical/biol	ogical Integrity Benthos	Not Impaired Bioclassific	ation Aquatic Life	2005	
Roa	noke Rive	r Basin		Butcher Cree	k-John H Kerr Reservo	oir Watershed 03	01010209
⊙ :	23-4		Island Creek (Island Creek Reservoir)	From source to North C State Line, including tha Creek Reservoir in North normal operating elevat	t portion of Island n Carolina below	6.4 FW Mil	es C
	1 Ecol	ogical/biol	ogical Integrity Benthos	Good-Fair Bioclassification	on Aquatic Life	2004	
⊙ :	23-4-3		Little Island Creek (Vance County)	From source to Island C Island Creek	reek Reservoir,	11.8 FW Mil	es C
	3a Ecol	ogical/biol	ogical Integrity FishCom	Not Rated Bioclassification	on Aquatic Life	2004	
Roa	noke Rive	r Basin		Nutbush Cree	k-John H Kerr Reservo	oir Watershed 03	01010210
© :	23-8-(1)a		Nutbush Creek (Including Nutbush Creek Arm of John H. Kerr Reservoir below normal pool elevation)	From source to NC 39		1.7 FW Mil	es C
					Aquatic Life		

			NC	2010 Integrated	Report		
All	l 13,	123 Waters in	NC are in Category 5-303(d) I	ist for Mercury due to statewi	de fish consumption ac	lvice for several fish spe	cies
AU_Nur	Number AU_Name AU_I gory Parameter		_Description	Length	Area AU_Units Class	ification	
Catego	ory	Parameter		Reason for Rating	Use Category	Collection Year	303(d)year
Roanc	oke	River Basin		Nutbush Creek	-John H Kerr Reserve	oir Watershed 0301	010210
⊙ 23	3-8-	(1)b	Nutbush Creek (Including Nutbush Creek Arm of John H. Kerr Reservoir below normal pool elevation)	From NC 39 to SR 1317		1.6 FW Miles	С
5	5	Ecological/bio	logical Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	1998
5	5	Ecological/bio	logical Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	1998
1	1	Fecal Coliforn	n (recreation)	No Criteria Exceeded	Recreation	2008	
1	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
② 23	3-8-	·(2)	Nutbush Creek Arm of John H. Kerr Reservoir (below normal pool elevation 300 feet MSL or as this elevation may be adjusted by the Corps of Engineers)	From Crooked Run to Noi Virginia State Line	th Carolina-	9,690.1 FW Acres	В
1	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	

				NC 2010 Integrated Re	-		
A 1 1	All 13 Numb			(d) List for Mercury due to statewide f AU Description			ssification
_		Parameter AU_N	varrie	Reason for Rating	Use Category	thArea AU_Units Cla Collection Year	
		e River Basin					1010301
Roa	nok	e River Basin		Dan River Heady	waters Subl	basin 0	3010103
Roa	anoke	River Basin			Dan River-Dan R		1010301
•	22-2		Archies Creek	North Carolina portion		7.3 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity FishCo	m Excellent Bioclassification	Aquatic Life	2004	
9	22-9		Big Creek	From source to Dan River		19.9 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity FishCo	m Good Bioclassification	Aquatic Life	2004	
9	22-1	2-(2)b	Cascade Creek	From dam at swimming lake	to Dan River	4.3 FW Miles	в В
	1	Ecological/biolo	ogical Integrity Bentho	Not Impaired Bioclassification	Aquatic Life	2005	
•	22-1	2-(2)a	Cascade Creek (Hanging Rock Lak	From backwaters to dam at se	swimming lake	12.2 FW Acres	s B
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
•	22-(:	1)a	DAN RIVER (North Carolina portion)	From North Carolina-Virginia Little Dan River	State Line to	5.1 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity FishCo	m Good Bioclassification	Aquatic Life	2004	
Э	22-(2	1)b	DAN RIVER (North Carolina portion)	From Little Dan River to Pete	ers Creek	11.6 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity Bentho	Excellent Bioclassification	Aquatic Life	2004	
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008	
	3a	High Water Te	mperature	Potential Standards Violation	Aquatic Life	2008	
	5	Turbidity		Standard Violation	Aquatic Life	2008	2008
•	22-5		Elk Creek	From North Carolina-Virginia Dan River	State Line to	2.9 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity FishCo	m Good-Fair Bioclassification	Aquatic Life	2004	
•	22-1	3-(2)	Indian Creek	From Window Falls to Dan Ri	iver	2.7 FW Miles	s C
	1	Ecological/biolo	ogical Integrity Bentho	Not Impaired Bioclassification	Aquatic Life	2005	
9	22-1	8	Mill Creek	From source to Dan River		4.7 FW Miles	s C
	1	Ecological/biolo	ogical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005	
9	22-1	0	North Double Cree	ek From source to Dan River		14.0 FW Miles	s C
	1	Ecological/biolo	ogical Integrity Bentho	s Good Bioclassification	Aquatic Life	2004	
	1	Ecological/biolo	ogical Integrity FishCo	m Good-Fair Bioclassification	Aquatic Life	2004	
Э	22-6		Peters Creek	From North Carolina-Virginia Dan River	State Line to	9.1 FW Miles	s C;Tr
	1	Ecological/biolo	ogical Integrity FishCo	m Excellent Bioclassification	Aquatic Life	2004	

	NC '	2010 Intograted De	nort		
All 13 123 Waters in NC		2010 Integrated Rost for Mercury due to statewide	-	for several fish sne	ries
AU_Number AU_Na		Description	•	•	ification
Category Parameter		Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin		Little	Dan River-Dan River V	Vatershed 0301	010301
22-11	South Double Creek	From source to Dan River		9.9 FW Miles	В
1 Ecological/biolog	ical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roanoke River Basin			Town Fork Creek V	Vatershed 0301	010302
• 22-25-1 E	Brushy Fork Creek	From source to Town Fork C	Creek	3.0 FW Miles	С
	ical Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
		Francisco de Timores de Cr		0.0 514/ 84:1	
	Town Fork Creek	From source to Timmons Cr		8.0 FW Miles	C
1 Ecological/biolog	ical Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
22-25b 1	Town Fork Creek	From Timmons Cr. to Dan R	iver	18.0 FW Miles	С
1 Ecological/biolog	ical Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
1 Ecological/biolog	ical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Ве	lews Lake-Dan River V	Vatershed 0301	010303
() (Belews Creek including Belews Lake below elevation 725) (1)	From Southern Railroad Brid 1.8 mile downstream of For County Line	-	789.7 FW Acres	С
1 Water Quality St	andards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
. , (Belews Creek including Belews .ake below elevation 725) (1)	From a point 1.8 mile down Forsyth-Stokes County Line excluding the Arm of Belews below which are classified "	to Dan River, s Lake described	.,283.8 FW Acres	WS-IV
1 Water Quality St	andards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1 Water Quality St	andards Water Supply	No Criteria Exceeded	Water Supply	2008	
- · · ·	Belews Creek Kernersville Lake)	From a point 0.5 mile upstre backwaters of Kernersville L Kernersville Water Supply D	ake to Town of	46.1 FW Acres	WS-IV;CA
3n Chlorophyll a		Potential Standards Violation	Aquatic Life	2008	
1 Water Quality St	andards Water Supply	No Criteria Exceeded	Water Supply	2008	
	Big Beaver Island Creek	From source to Dan River		15.2 FW Miles	С
1 Ecological/biolog	ical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-(8)	DAN RIVER	From Big Creek to to a point downstream of Town Fork C		25.9 FW Miles	WS-V
1 Ecological/biolog	ical Integrity Benthos	Good Bioclassification	Aquatic Life	2004	

			NC	2010 Integrated Re	port			
				st for Mercury due to statewide i				
	Numb	_	Name AU_I	Description Description	LengthArea	AU_Units Collection Y		fication
		Parameter		Reason for Rating	Use Category			
ко Э	апоке 22-2	e River Basin 0-9	Lynn Branch (Lynn Creek)	From source to Snow Creek	ews Lake-Dan River W	3.1 FW M		010303 C
	1	Ecological/biol	ogical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
9	22-2	0-4	Raccoon Creek	From source to Snow Creek		3.4 FW M	iles	С
-	1	Ecological/biol	ogical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
•	22-2	0	Snow Creek	From source to Dan River		18.9 FW M	iles	С
	1	Ecological/biol	ogical Integrity Benthos	Good Bioclassification	Aquatic Life	2004		
	1	Ecological/biol	ogical Integrity FishCom	Good Bioclassification	Aquatic Life	2004		
•	22-2	7-9-(4)	West Belews Creek (West Belews Creek Arm of of Belews Lake below elevation 725)	From a point 0.4 mile downs Powerplant to Belews Creek	tream of	582.4 FW A	cres	WS-IV
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
	1	Water Quality	Standards Water Supply	No Criteria Exceeded	Water Supply	2008		
•	22-2	1	Wood Benton Branch	From source to Dan River		3.7 FW M	iles	С
	1	Ecological/biol	ogical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
Ro	anoke	River Basin			Mayo River W	atershed (3010	10304
•	22-3	0-2-2	Crooked Creek (North Carolina portion)	From source to last crossing Carolina-Virginia State Line	of North	8.5 FW M	iles	С
	1	Ecological/biol	ogical Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2007		
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
9	22-3	0-5	Hickory Creek	From source to Mayo River		4.0 FW M	iles	С
	1	Ecological/biol	ogical Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006		
•	22-3	0-2-2-2	Little Crooked Creek	From source to Crooked Cree	ek	4.7 FW M	iles	С
	1	Ecological/biol	ogical Integrity Benthos	Good Bioclassification	Aquatic Life	2008		
•	22-3	0-(1)	Mayo River	From North Carolina-Virginia point 0.6 mile downstream of		3.5 FW M	iles	WS-V
	1	Ecological/biol	ogical Integrity Benthos	Good Bioclassification	Aquatic Life	2004		
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008		
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		

			NO	2010 Integrated	Report		
				List for Mercury due to state			
_	Numb egory	Parameter	Name AU	_Description Reason for Rating	Use Category	a AU_Units Class Collection Year	ssification 303(d)year
		River Basin		Reason for Rating	Mayo River V		1010304
		0-6-(2)	Pawpaw Creek	From a point 1.3 mile up Rockingham County SR	ostream of	1.8 FW Miles	
	1	Ecological/bio	logical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roa	anoke	River Basin		Mat	rimony Creek-Dan River V	Natershed 030	1010305
•	22-3	2-1	Brushy Creek (West Prong Jacobs Creek)	From source to Jacobs C	reek	4.3 FW Miles	s C
	1	Ecological/bio	logical Integrity Benthos	Not Impaired Bioclassific	ation Aquatic Life	2007	
•	22-(3	31.5)a	DAN RIVER	From a point 0.7 mile up Creek to subbasin 03-02		4.8 FW Miles	s WS-IV
	4t	Fecal Coliforn	n (recreation)	No Criteria Exceeded	Recreation	2008	2008
	4t	Turbidity		Data Inconclusive	Aquatic Life	2008	2002
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
	1	Water Quality	Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
•	22-(3	31.5)b	DAN RIVER	From 03-02-02 boundar downstream of Matrimo		9.4 FW Miles	s WS-IV
	4t	Fecal Coliforn	n (recreation)	Standard Violation	Recreation	2008	2008
	4t	Turbidity		Data Inconclusive	Aquatic Life	2008	2002
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
	1	Water Quality	Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
)	22-(3	38.5)	DAN RIVER	From a point 0.8 mile do Matrimony Creek to Mil Eden water supply intak	l Branch (Town of	0.6 FW Miles	s WS-IV;C
	4t	Fecal Coliforn	n (recreation)	Standard Violation	Recreation	2008	2008
	5	Turbidity		Standard Violation	Aquatic Life	2008	2008
•	22-3	1	Hogans Creek	From source to Dan Rive	er	12.7 FW Miles	C C
	1	Ecological/bio	logical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-3	2-(3)	Jacobs Creek	From N.C. Hwy. 704 to [Dan River	1.8 FW Miles	WS-IV
	1	Ecological/bio	logical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Ð	22-3	8	Matrimony Creek (North Carolina portion)	From source to Dan Rive	er	11.2 FW Miles	s WS-IV
	1	Ecological/bio	logical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

				NC 2010 Integrated Re	port		
				B(d) List for Mercury due to statewide f			
	Numb	_	Name	AU_Description	_	_	sification
		Parameter		Reason for Rating	Use Category	Collection Year	()3
Ro		River Basin			ny Creek-Dan Rive		1010305
•	22-3	0-(10)	Mayo River	From dam at Mayodan Wate to Dan River	r Supply Intake	2.4 FW Miles	С
	1	Ecological/biol	ogical Integrity Bentho	Good-Fair Bioclassification	Aquatic Life	1999	
•	22-3	4-(2)	Rock House Creek	rom Rockingham Countly SF River	R 2381 to Dan	6.5 FW Miles	WS-IV
	1	Ecological/biol	ogical Integrity Bentho	Good-Fair Bioclassification	Aquatic Life	2001	
	1	Ecological/biol	ogical Integrity FishCo	om Good Bioclassification	Aquatic Life	2004	
Ro	anoke	River Basin			Lower Smith Rive	er Watershed 0301	.010308
•	22-4	0-(1)	Smith River	From North Carolina-Virginia point 0.8 mile downstream o County SR 1714 (Aiken Road)	f Rockingham	2.8 FW Miles	WS-IV
	5	Copper		Standard Violation	Aquatic Life	2008	2008
	4s	Ecological/biol	ogical Integrity Bentho	s Fair Bioclassification	Aquatic Life	1999	2008
	4t	Fecal Coliform	(recreation)	Standard Violation	Recreation	2008	2008
	1	Water Quality	Standards Water Supp	oly No Criteria Exceeded	Water Supply	2008	
•	22-4	0-(2.5)	Smith River	From a point 0.8 mile downs Rockingham County SR 1714 to Fieldcrest Mills Water Sup	(Aiken Road)	0.5 FW Miles	WS-IV;CA
	5	Copper		Standard Violation	Aquatic Life	2008	2008
	4s	Ecological/biol	ogical Integrity Bentho	s Fair Bioclassification	Aquatic Life	1999	2008
	4t	Fecal Coliform	ı (recreation)	Standard Violation	Recreation	2008	2008
	1	Water Quality	Standards Water Supp	No Criteria Exceeded	Water Supply	2008	
Ro	anoke	River Basin		Casca	de Creek-Dan Rive	er Watershed 0301	.010309
•	22-4	8-4	Birch Fork	From source to Wolf Island C	reek	8.4 FW Miles	С
	1	Ecological/biol	ogical Integrity Bentho	Not Impaired Bioclassification	Aquatic Life	2007	
•	22-(3	39)a	DAN RIVER (North Carolina portion)	from Mill Branch to NC/VA of downstream of Wolf Island C	-	13.8 FW Miles	С
	4t	Fecal Coliform	(recreation)	Standard Violation	Recreation	2008	2008
	5	Turbidity		Standard Violation	Aquatic Life	2008	2008
•	22-4	0-(3)	Smith River	From Fieldcrest Mills Water S to Dan River	Supply Intake	1.8 FW Miles	С
	5	Copper		Standard Violation	Aquatic Life	2008	2008
	4s	Ecological/biol	ogical Integrity Bentho	s Fair Bioclassification	Aquatic Life	1999	2008
	4t	Fecal Coliform	(recreation)	Standard Violation	Recreation	2008	2008

		NC 2	010 Integrate	d Rej	ort				
All 13,123 Waters in NC are in Category 5-303(d) List for Mercury due to statewide fish consumption advice for several fish spe									
AU_Number	AU_Name	AU_De	scription		Lengt	hArea	AU_Units	Classif	fication
Category Parame	eter		Reason for Rating		Use Category		Collection	Year 3	303(d)year
Roanoke River	Basin			Cascad	le Creek-Dan R	iver Wa	atershed	03010	10309
② 22-48	Wolf Island C	reek F	rom source to Dan R	iver			21.8 FW N	Miles	С
1 Ecolog	gical/biological Integrity F	ishCom	Excellent Bioclassificat	ion	Aquatic Life		2004		

			NC	2010 Integrated	d Report		
	All 13	,123 Waters in	NC are in Category 5-303(d) I	ist for Mercury due to state	ewide fish consumption adv	ice for several fish sp	ecies
_	Numb		_Name AU_	_Description			ssification
Cat	egory	Parameter		Reason for Rating	Use Category	Collection Year	303(d)year
Ro	anoke	e River Basin			Hogans Creek-Dan Rive	r Watershed 030	1010401
Roa	anok	e River Basi	n		Dan River Subbas	sin 0	3010104
Ro	anoke	River Basin			Hogans Creek-Dan River	Watershed 030	1010401
•	22-5	4	Cane Creek	From North Carolina-V Dan River	irginia State Line to	0.8 FW Miles	s C
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-(3	39)b	DAN RIVER (North Carolina portion)	From NC/VA crossing of Island Creek to last cro Carolina-Virginia State	ssing of North	9.6 FW Miles	i C
	4t	Fecal Colifor	m (recreation)	Standard Violation	Recreation	2008	2008
	5	Turbidity		Standard Violation	Aquatic Life	2008	2008
0	22-5	0	Hogans Creek	From source to Dan Ri	ver	29.1 FW Miles	s C
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-5	0-3	Jones Creek (Lake Wade)	From source to Hogans	s Creek	7.6 FW Miles	s C
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-5	1	Moon Creek (Wildwood Lake)	From source to Dan Ri	ver	17.0 FW Miles	C C
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-5	2	Rattlesnake Creek	From source to Dan Ri	ver	2.7 FW Miles	C
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Ro	anoke	River Basin			Country Line Creek	Watershed 030	1010402
•	22-5	6-(1)	Country Line Creek	From source to a point of mouth of Nats Fork	0.5 mile upstream	10.5 FW Miles	ws-II;HQ\
	1	Ecological/bio	ological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
•	22-5	6-(3.7)	Country Line Creek	From dam at Farmer L	ake to Dan River	24.5 FW Miles	C C
	1	Ecological/bio	ological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
⊙	22-5	6-(3.5)a	Country Line Creek (Farmers Lake)	Upper reservoir- From upstream of mouth Na Farmer Lake (Town of supply intake located : N.C. Hwy. 62)	ts Fork to dam at Yanceyville water	90.7 FW Acres	s WS- II;HQW,CA
	5	Chlorophyll a	1	Standard Violation	Aquatic Life	2008	2010
	5	Turbidity		Standard Violation	Aquatic Life	2008	2010
	1	Water Qualit	y Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

			NC	2010 Integrated Re	eport		
				st for Mercury due to statewide	•	•	
_	Numb		_Name AU_I	Description		_	sification
		Parameter		Reason for Rating	Use Category	Collection Year	
Ro	anoke	River Basin			Country Line Cree	ek Watershed 0301	1010402
⊙	22-5	6-(3.5)b	Country Line Creek (Farmers Lake)	Lower reservoir-From a poin upstream of mouth Nats For Farmer Lake (Town of Yance supply intake located 1.8 min.C. Hwy. 62)	k to dam at yville water	271.1 FW Acres	WS- II;HQW,CA
	1	Water Qualit	y Standards Aquatic Life	No Criteria Exceeded	Water Supply	2008	
	1	Water Qualit	y Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Ro	oanoke River Basin				Hyco Lal	ke Watershed 0301	.010405
•	22-5	8-1	Hyco Creek (North Hyco Creek)	From source to Hyco Lake, H	lyco River	16.8 FW Miles	С
	3a	Ecological/bio	ological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
⊙	22-5	8-(0.5)	Hyco River, including Hyco Lake below elevation 410	From source in Hyco Lake to Lake, including tributary arn elevation 410		4,297.9 FW Acres	WS-V,B
	1	Water Qualit	y Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
	1	Water Qualit	y Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
o	22-5	8-4-(3)	South Hyco Creek	From a point 0.6 mile downs Double Creek to Hyco Lake, of Roxboro water supply int	Hyco River (City	0.7 FW Miles	WS- II;HQW,CA
	1	Ecological/bio	ological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	22-5	8-4-(1.4)	South Hyco Creek (Lake Roxboro)	From backwaters of Lake Ro at Lake Roxboro	xboro to dam	493.6 FW Acres	WS-II,B;HQV
	3n	Chlorophyll a	a	Potential Standards Violation	Aquatic Life	2008	
	1	Water Qualit	y Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Ro	anoke				Hyco Riv	er Watershed 0301	.010406
•	22-5	8-(9.5)	Hyco River	From dam of Hyco Lake to N Virginia State Line, including North Carolina		6.8 FW Miles	С
	1	Fecal Colifor	m (recreation)	No Criteria Exceeded	Recreation	2008	
	1	Water Qualit	y Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
•	22-5	8-12-6a	Marlowe Creek	From source to Mitchell Cre	ek	6.6 FW Miles	С
	5	Ecological/bio	ological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	1998

			NC	2010 Integrated D	onort		
	All 13	,123 Waters in N		2010 Integrated Rouse for Mercury due to statewide		dvice for several fish spe	cies
	Numb			Description			ification
Cate	gory	Parameter		Reason for Rating	Use Category	Collection Year	303(d)year
Roa	noke	River Basin			Hyco Riv	ver Watershed 0301	010406
)	22-5	8-12-6b	Marlowe Creek	From Mithcell Creek to Stor	ys Creek	4.5 FW Miles	С
	5	Copper		Standard Violation	Aquatic Life	2008	2008
	1	Ecological/biol	ogical Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
	1	Ecological/biol	ogical Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008	
	5	Zinc		Standard Violation	Aquatic Life	2008	2008
) 2	22-5	8-15-(3.5)	Mayo Creek (Maho Creek)	From dam of Mayo Reservo Carolina-Virginia State Line	ir to North	0.5 FW Miles	С
	1	Fecal Coliform	(recreation)	No Criteria Exceeded	Recreation	2008	
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
) 2	22-5	8-15-(0.5)	Mayo Creek (Maho Creek) (Mayo Reservoir)	From source to dam of May	o Reservoir	2,613.8 FW Acres	WS-V
	1	Water Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
	1	Water Quality	Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
) 2	22-5	8-12-(1.5)	Storys Creek [Roxboro City Lake (Lake Issac Walton)]	From a point 0.9 mile down Hwy. 57 to Roxboro City Lal		189.5 FW Acres	WS- II;HQW,C/
	1	Water Quality	Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Roa	noke	River Basin		Aar	ons Creek-Dan Riv	ver Watershed 0301	010407
) 2	22-5	9	Aarons Creek	From source to North Carol State Line	ina-Virginia	8.6 FW Miles	С
	1	Ecological/biol	ogical Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

				2010 Integrated Re	-		
				List for Mercury due to statewide f			ecies
_	Numb		U_Name AU	_Description	LengthArea	_	ssification
	-	Parameter		Reason for Rating	Use Category	Collection Year	
		e River Basin			ston-Roanoke River Wa		1010602
_	_	e River Bas		Lake Gaston-Roanoke			3010106
Roa	anoke	e River Basin		Upper Lake Gas	ston-Roanoke River Wa	atershed 030	1010602
•	23-1	.0-2	Newmans Creek (Little Deep Creek)	From source to Smith Creek		6.1 FW Miles	s C
	5	Ecological/b	oiological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	2008
9	23-1	.0a	Smith Creek	From source to Cabin Branch		6.1 FW Miles	s C
	4 s	Ecological/b	oiological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	2002
	5	Low Dissolv	ed Oxygen	Standard Violation	Aquatic Life	2008	1998
③	23-1	.0b	Smith Creek	From Cabin Branch to SR120	8	1.6 FW Miles	C C
	1	Ecological/b	oiological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
	5	Low Dissolv	ed Oxygen	Standard Violation	Aquatic Life	2008	1998
•	23-1	.0c	Smith Creek	From SR1208 to North Caroli State Line	na-Virginia	3.0 FW Miles	C C
	4s	Ecological/b	piological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	
	4s	Ecological/b	oiological Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	
	1	Fecal Colifo	orm (recreation)	No Criteria Exceeded	Recreation	2008	
	5	Low Dissolv	ved Oxygen	Standard Violation	Aquatic Life	2008	1998
9	23-1	.0-3-2	Terrapin Creek	From source to Blue Mud Cre	eek	5.0 FW Miles	s C
	3a	Ecological/b	oiological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2007	
Roa	anoke	e River Basin		Middle Lake Gas	ston-Roanoke River Wa	atershed 030	1010603
③	23-1	.4	Jordan Creek	From source to Lake Gaston,	Roanoke River	2.6 FW Miles	C
	1	Ecological/b	piological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
③	23-1	.3	Sixpound Creek	From source to Lake Gaston,	Roanoke River	6.3 FW Miles	C C
	1	Ecological/b	piological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
Roa	noke	e River Basin		Lower Lake Gas	ston-Roanoke River Wa	atershed 030	1010604
•	23-2	24-(1)	Deep Creek	From source to a point 0.5 m of mouth	ile upstream	11.6 FW Miles	s WS-IV
	1	Ecological/b	piological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
	1	Ecological/b	piological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
•	23-1	.9	Little Stonehouse Creek	From source to Lake Gaston,	Roanoke River	2.8 FW Miles	C C
	1	Ecological/b	oiological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	

				N	VC 2010 Integrate	d Renort			
	All 1	13,12	3 Waters in N		d) List for Mercury due to stat		dvice for several fish spe	ecies	
AU.					AU_Description			sification	
Ca	tegor	y Pa	rameter		Reason for Rating	Use Category	Collection Year	303(d)year	
Ro	oanol	ke Ri	iver Basin		Lower La	Lower Lake Gaston-Roanoke River Watershed 0301010604			
•	23-	(Lake Gasto normal full pool elevat MSL and Ro Rapids Lake normal full		ROANOKE RIVER (Lake Gaston below normal full power pool elevation 200 MSL and Roanoke Rapids Lake below normal full power pool elevation 132 feet MSL)	Rapids Dam		4,185.0 FW Acres	WS-IV,B;C	
	3t	t A	quatic Weeds	S	Data Inconclusive	Aquatic Life	2000	2000	
	1	W	ater Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
	1	W	ater Quality	Standards Water Suppl	y No Criteria Exceeded	Water Supply	2008		
•	23-(12) ROANOKE RIVER (Lake Gaston belo normal full power pool elevation 200 MSL)		V line across Lake Gasto Warren-Northampton	From North Carolina-Virginia State Line to a line across Lake Gaston following the Warren-Northampton County Line		WS-V,B			
	1	W	ater Quality	Standards Water Suppl	y No Criteria Exceeded	Water Supply	2008		
•	23-	3-(20.2) ROANOKE RIVER (Lake Gaston below normal full power pool elevation 200 MSL)		(Lake Gaston below normal full power pool elevation 200	the Warren-Northamp	From a line across Lake Gaston following the Warren-Northampton County Line to a line across Lake Gaston 0.5 mile upstream of Lake Gaston Dam		WS-IV,B	
	1	W	ater Quality	Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
	1	W	ater Quality	Standards Water Suppl	y No Criteria Exceeded	Water Supply	2008		

Category Parameter Reason for Rating Use Category Collection Year Roanoke River Basin Quankey Creek-Roanoke River Watershed 030	ssification
Category Parameter Reason for Rating Use Category Collection Year Roanoke River Basin Quankey Creek-Roanoke River Watershed 030	
Roanoke River Basin Quankey Creek-Roanoke River Watershed 030	303(d)year
Roanoke River Basin Roanoke River Subbasin 0	1010701
	3010107
	1010701
23-29 Chockoyotte Creek From source to Roanoke River 10.6 FW Mile	s C
1 Ecological/biological Integrity Benthos Moderate Bioclassification Aquatic Life 2004	
3a Ecological/biological Integrity FishCom Not Rated Bioclassification Aquatic Life 2004	
② 23-30-1 Little Quankey Creek From source to Quankey Creek 9.5 FW Mile	s C
1 Ecological/biological Integrity Benthos Moderate Bioclassification Aquatic Life 2004	
② 23-30a Quankey Creek From source to Little Quankey Creek 16.0 FW Mile	s C
1 Ecological/biological Integrity Benthos Natural Bioclassification Aquatic Life 2004	
② 23-30b Quankey Creek From Little Quankey Creek to Roanoke River 3.4 FW Mile	s C
5 Ecological/biological Integrity Benthos Fair Bioclassification Aquatic Life 1999	1998
From a point 0.6 mile upstream of N.C. Hwy. 48 bridge to a line across river 50 feet downstream of N.C. Hwy. 48 (City of Roanoke Rapids, Town of Weldon water supply intakes)	s WS-IV;CA
1 Fecal Coliform (recreation) No Criteria Exceeded Recreation 2008	
1 Water Quality Standards Aquatic Life No Criteria Exceeded Aquatic Life 2008	
1 Water Quality Standards Water Supply No Criteria Exceeded Water Supply 2008	
O 23-(26)a ROANOKE RIVER From a line across the river 50 ft downstream of NC Hwy 48 bridge to the confluence of Sandy Run Cr at the Bertie Northampton Halifax Co. line	s C
1 Fecal Coliform (recreation) No Criteria Exceeded Recreation 2008	
1 Water Quality Standards Aquatic Life No Criteria Exceeded Aquatic Life 2008	
Roanoke River Basin Conoconnara Swamp-Roanoke River Watershed 030	1010702
② 23-33 Conoconnara Swamp From source to Roanoke River 17.7 FW Mile	s C
1 Ecological/biological Integrity Benthos Moderate Bioclassification Aquatic Life 2004	
Roanoke River Basin Kehukee Swamp-Roanoke River Watershed 030	1010703
·	s C
② 23-42 Kehukee Swamp From source to Roanoke River 10.6 FW Mile (White Millpond)	

				2010 Integrated R				
All 13,123 Waters in NC are in Category 5-303(d) List for Mercury due to statewide fish consumption advice for several fish species								
	Numb	_	_Name AU	_Description		Collection Year	sification	
		Parameter		Reason for Rating	Use Category			
Roanoke River Basin 23-(26)b1 ROANOKE RIVER			ROANOKE RIVER	Kehukee Swamp-Roanoke River Watershed 0301010703 From the confluence of Sandy Run Cr at the Bertie/Northampton/Halifax Co. line to				
				subbasin 8/9 boundary				
	1	Fecal Coliforn	n (recreation)	No Criteria Exceeded	Recreation	2008		
	1	Water Quality	y Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
Roanoke River Basin					Sweetwater Creek	Watershed 030	1010704	
② 23-50-		50-3	Hardison Mill Creek	From source to Sweetwate	r Creek	19.9 FW Miles	. C	
	1	Ecological/bio	logical Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004		
Ro	anok	e River Basin		Conoho	Creek-Roanoke River	Watershed 030	1010705	
② 23-4		19a Conoho Creek		From source to Martin Co 1 Beaverdam Cr	1417 below	24.5 FW Miles	: C	
	1	Ecological/bio	logical Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004		
•	23-4	19b	Conoho Creek	From Martin Co 1417 to Ro	oanoke River	7.0 FW Miles	C	
	1	Ecological/bio	logical Integrity Benthos	Natural Bioclassification	Aquatic Life	2004		
•	23-(26)b2 ROANOKE RIVER		ROANOKE RIVER	From subbasin 8/9 bounda Bridge in Williamston	ry to Hwy 17	28.9 FW Miles	; C	
	1	Fecal Coliforn	n (recreation)	No Criteria Exceeded	Recreation	2008		
	1	Water Quality	y Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
Э	23-(26)b3	ROANOKE RIVER	From Hwy 17 bridge at Will 18 mile marker at Jamesvill		17.8 FW Miles	. C	
	5	Low Dissolved	l Oxygen	Standard Violation	Aquatic Life	2006	2008	
Ro	anoke	e River Basin		Hea	dwaters Cashie River	Watershed 030	1010707	
•	24-2	2-(1)a	Cashie River	From source to Bertie Cour	nty SR 1225	15.2 FW Miles	c;Sw	
	1	Ecological/bio	logical Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004		
	1	Fecal Coliforn	n (recreation)	No Criteria Exceeded	Recreation	2008		
	1	Water Quality	y Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
Ro	anok	e River Basin			Outlet Cashie River	Watershed 030	1010708	
24-2-(1)b Cashie River			Cashie River	From Bertie County SR 122 mile upstream from Bertie	5 to a point 1	30.1 FW Miles		
	1	Ecological/bio	logical Integrity Benthos	Natural Bioclassification	Aquatic Life	2004		
9	24-2	 2-6	Hoggard Mill Creek	From source to Cashie Rive	r	7.4 FW Miles	c;Sw	
_	1		logical Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	•	
9	24-2	 D-7	Roquist Creek	From source to Cashie Rive	r	26.3 FW Miles	C.SW	
٠			logical Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	,,	
	1	Ecological/Blo	Togical Integrity Dentilos	raturar Diociassification	Aquaile Life	2004		

	NC 2010 Integrated Report										
	All 13,123 Waters in NC are in Category 5-303(d) List for Mercury due to statewide fish consumption advice for several fish species										
AU_Number AU_Name AU_I			AU_I	Description LengthArea		a AU_Units Classification					
Cat	egory	Parameter	r		Reason for Rating	Use Category	Collection Year	303(d)year			
Roanoke River Basin Plymouth-Roanoke River Watershed 0301010709											
•	23-(!	53)	ROANOKE RI	VER	From 18 mile marker a Albemarle Sound (Bato		18.3 FW Miles	C;Sw			
	4t	Dioxin			Standard Violation	Fish Consumption	2008	2000			
	1	Fecal Col	liform (recreation)		No Criteria Exceeded	Recreation	2008				
	1	Water Q	uality Standards Aqua	tic Life	No Criteria Exceeded	Aquatic Life	2008				
•	23-5	55	Welch Creek		From source to Roano	ke River	13.3 FW Miles	C;Sw			
	4t	Dioxin			Standard Violation	Fish Consumption	1996	2000			
	1	Fecal Col	liform (recreation)		No Criteria Exceeded	Recreation	2008				
	5	Low pH			Standard Violation	Aquatic Life	2008	2002			